

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James N. Cawse

Group Art Unit:

Serial No.:

Examiner:

Filed:

For MIXTURE EXPERIMENT DESIGN METHOD AND
SYSTEMJC979 U.S. PTO
10/036227
01/04/02

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 **Pursuant to 37CFR 1.97(b)**
[within 3 months of national, non-CPA filing or prior to 1st Office Action] *no charge*
- ☐ 2 **Certification Pursuant to 37 CFR 1.97(c)(1)**
[before Final Office Action, Allowance, or other action closing prosecution] *no charge*
- ☐ 3 **Fee Payment Pursuant to 37 CFR 1.97(c)(2)**
[before Final Office Action, Allowance, or other action closing prosecution] *\$180.00*
- ☐ 4 **Certification & Fee Payment Pursuant to 37 CFR 1.97(d)**
[On or before issue fee payment] *\$180.00*

ATTN: BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98:

- ☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

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This paper is submitted in accordance with:

- ☒ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]
- ☐ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- ☐ 8 The required Certification made in item 11 below; or
- ☐ 9 The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.
- ☐ 10 37 CFR 1.97(d): [on or before issue fee payment]; and
- a) The required Certification is stated in item 11 below; and
- b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☒ 11 Certification
- ☐ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or
- ☐ 13 No item contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.
- ☒ 14 Payment of all applicable fees:
- ☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0868

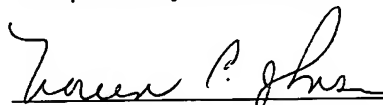
An original and two (2) copies of this document are enclosed.

10/19/01

Date

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Respectfully submitted,



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Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY DOCKET .RD-28649		APPLICATION NO.	
				APPLICANT James N.Cawse			
				FILING DATE		GROUP	

#2
 DC979 U.S. PTO
 10/03/227
 01/04/02

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS S	FILING DATE IF APPROPRIATE
		5,125,748	6/92	Bjornson et al.			
		5,621,665	4/97	Ghosh et al.			
		5,917,077	6/99	Chaudhari et al.			
		6,004,617	12/99	Shultz et al			
		6,114,563	9/00	Spivak et al.			
		6,143,913	11/00	Spivak et al.			
		6,143,914	11/00	Spivak et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLAS S	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
		1	Standard Terminology Relating to Design of Experiments, ASTM Designation E 1325 (Reapproved 1997)
		1	Ken D. Shimizu, Marc L. Snapper and Amir H. Hoveyda, High-Throughput Strategies for the Discovery of Catalysts, Chem. Eur. J. 1805, 1889 (1998)
		✓	Numerical Recipes, William H. Press, Cambridge University Press, Cambridge, England, 1986, 289-293)
		✓	Cornell, "Experiments with Mixtures," John Wiley and Sons, 1990, 13 and 93-98
		1	Sun, Combinatorial Search for Advanced Luminescence Materials, Biotechnology and Bioengineering (Combinatorial Chemistry), vol. 61, 4, 193-201 (1999)
			John A. Conway and Neil J. Sloane, "Sphere Packings, Lattices, and Groups," Springer-Verlag, NY, 1988, Chapter 1.

EXAMINER	DATE CONSIDERED
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.